

REV.	ECN NO.	MODIFY CONTENT	DATE
A		初版发行	05/12/20

NO.	PART NAME	QTY.	MATERIAL	FINISH	REMARKS
5	PUSHER	1	Stainless steel	CLEANING	---
4	EJECTOR	1	Stainless steel	CLEANING	---
3	SHELL	1	Stainless steel	Au G/F 1u"	---
2	TERMINAL	1	Copper alloy	Au G/F 1u"	---
1	HOUSING	1	LCP UL94V-0 BLACK	N/A	---

GENERAL TOLERANCE	DRAWN	CHECKED	APPROVED	FILE NO.	REV.
X.±0.30	X.±3.0°			NSM07601S	A
X.±0.25	X.±2.0°				
.XX±0.20					
.XXX±0.10					

SHEET	1/5	QTY	1	A
蘇州祥滙嘉業電子科技股份有限公司 Goldconn Electronics Technology Co.,LTD				

此文件为双方检验的唯一标准
This document is the only standard tested by both parties.

REV.	EQU. NO.	MODIFY CONTENT	DATE
A		初版发行	05/12/20

- NOTES:
1. MATERIAL:
 - 1.1. HOUSING: LCP UL94V-0, COLOR: BLACK
 - 1.2. CONTACTS: Copper alloy.
 - 1.3. SHELL: Stainless steel.
 - 1.5. EJECTOR: Stainless steel.
 - 1.6. Pusher : Stainless steel.

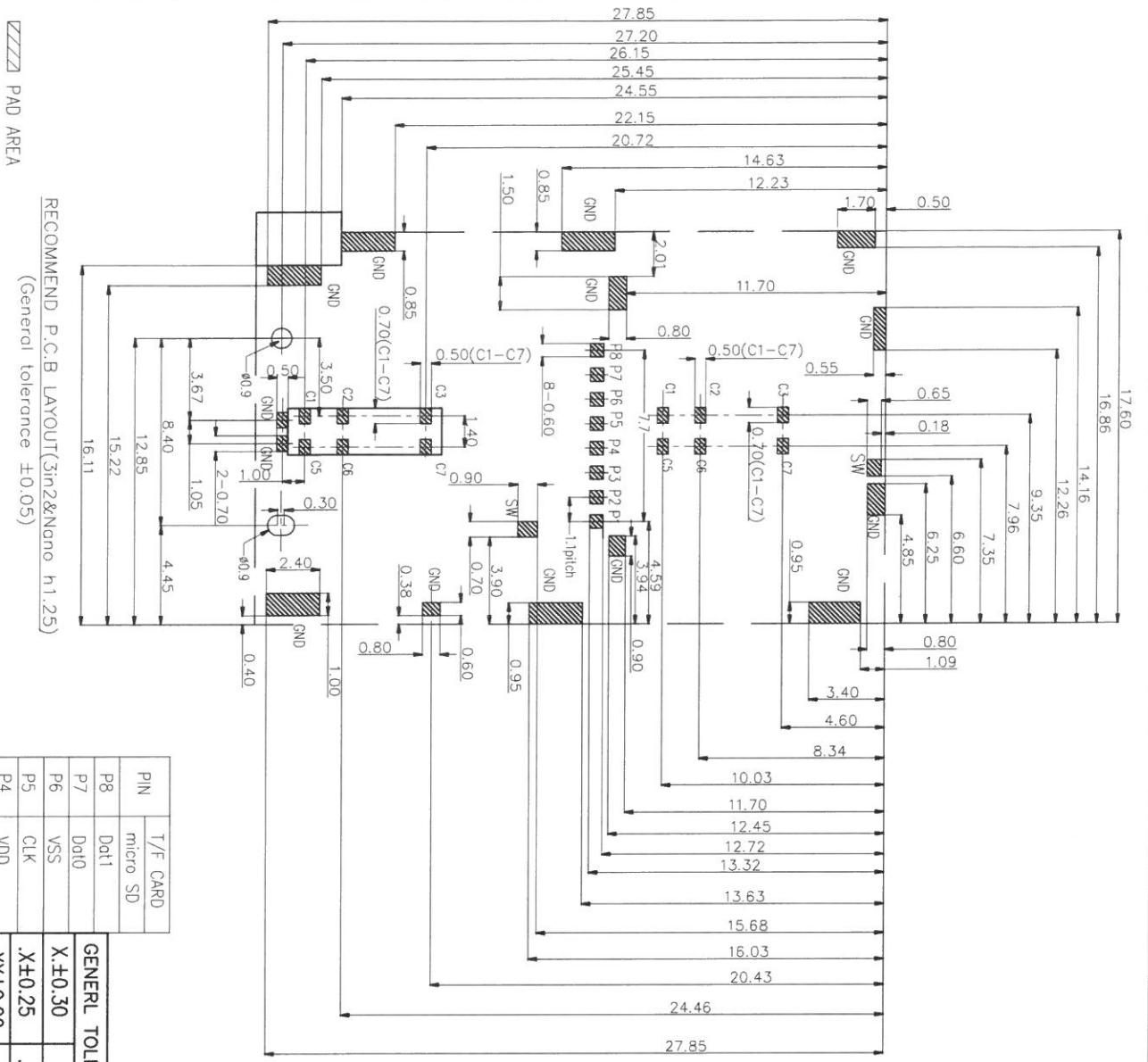
2. FINISH:
 - 2.1 CONTACT: GOLD PLATING ON CONTACT AREA.
50u" MIN NICKEL PLATING ON ENTIRE CONTACT UNDERPLATED GOLD FLASH PLATING ON SOLDERTAILS.
 - 2.2 SHELL: 30u" MIN BLACK NICKEL OR NICKEL PLATING OVERALL
Au 1u" MIN ON SOLDERTAIL AREA
 - 2.3 EJECTOR & PUSHER CLEANING

- 3-1. Current Rating :0.5mA max.
 - 3-2. Contact Resistance: 50 mOhms max
 - 3-3. Insulation Resistance: 1000 MOhms min./500VDC
 - 3-4. Dielectric Withstanding Voltage: 500 V AC/1minute
 - 3-5. Operating Temperature: -25°C to +85°C
 - 3-6. Mating Cycles: 5000 Insertions
4. PRODUCT COMPLIANT TO ROHS AND HALOGEN FREE.
 5. PART NUMBER: INSM016 * 06RJR-HF

PLATING CODE
 F: Au 1u" MIN.
 E: Au 5u" MIN.
 J: Au 15u" MIN.
 K: Au 30u" MIN.

SIM Card Pin Assignments

NANO SIM CARD		COMPOSITION OF DETECTION	
C1	VCC	CARD DETECTION	
C2	RST	CARD DETECTION (SW)	
C3	CLK	GND ← SW	
C5	GND	CARD DETECTION / SWITCH	
C6	VPP	CARD INSTALLATION-OFF	
C7	DATA	NON CARD-ON	



RECOMMEND P.C.B LAYOUT (3in2&None h1.25)
 (General tolerance ±0.05)

▨ PAD AREA

此文件为双方检验的唯一标准
 This document is the only standard tested by both parties.

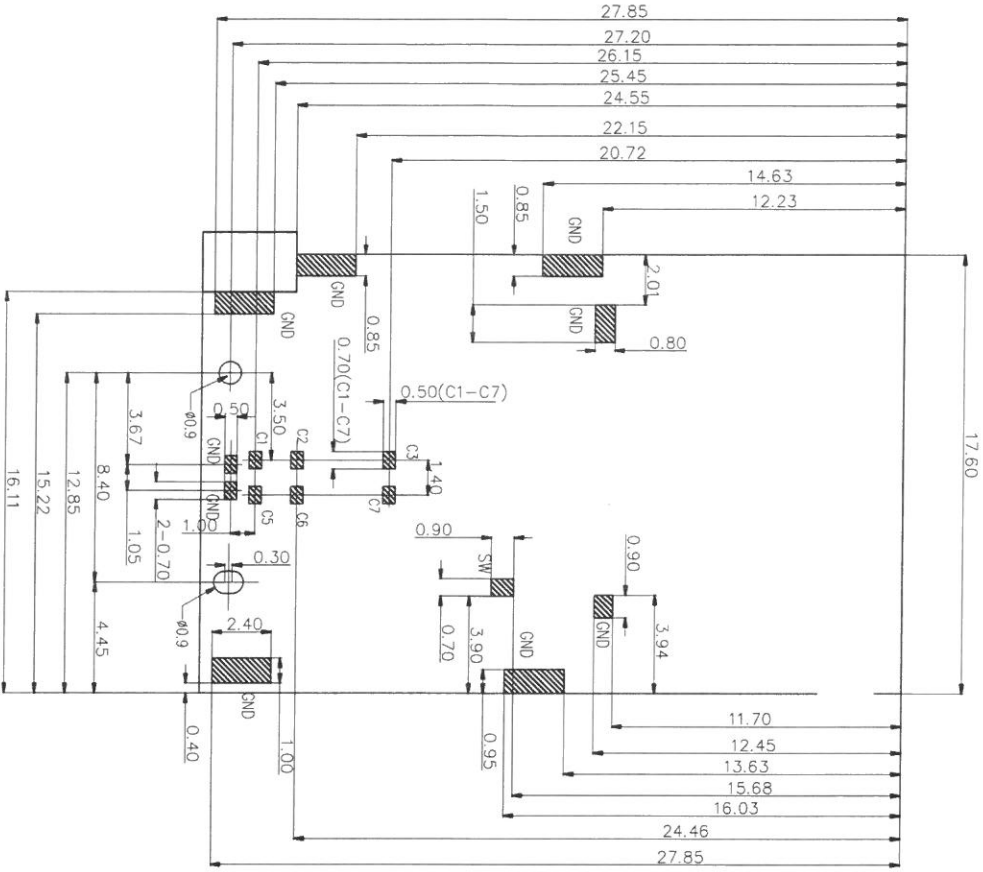
PIN	T/F CARD
P8	micro SD
P7	DATA1
P6	DATA0
P5	VSS
P4	CLK
P3	VDD
P2	CD/DAT3
P1	DATA2

GENERAL TOLERANCE	DRAWN	SCALE	PART NO.
X: ±0.30	CHECKED	1/1	INSM016F06RJR-HF
X: ±0.25	APPROVED		NANO SIM H1.25 CARD CONN(SMT)
X: ±0.20	File NO.		CUSTOMER DRAWING
.XXX±0.10	REV.		
SHEET 2/5	QTY 1		
	A		

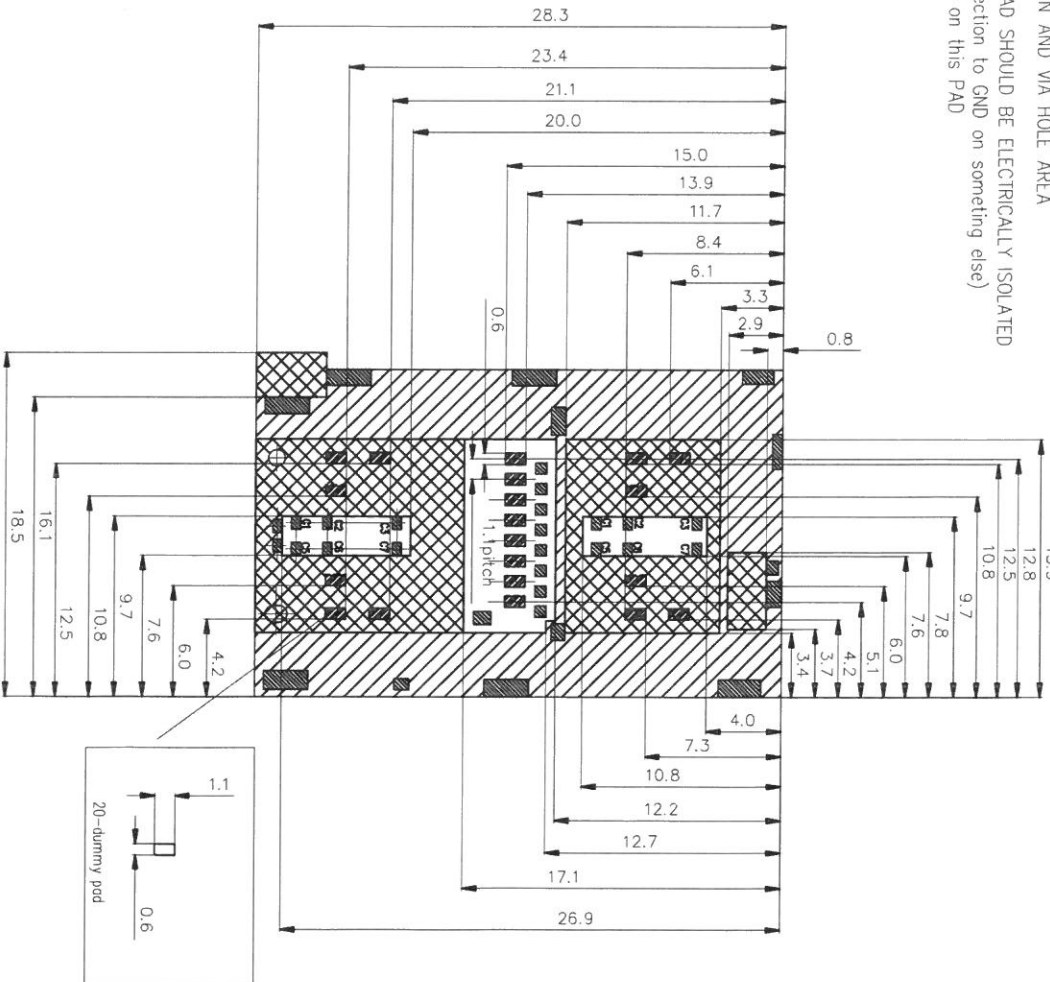
蘇州祥龍嘉業電子科技股份有限公司
 Goldenconn Electronics Technology Co., LTD

RECOMMEND P.C.B LAYOUT(Nano)
(General tolerance ±0.05)

此文件为双方标准印刷—标准
This document is the only standard tested by both parties.



- PAD AREA
- ONLY GND PATTERN AND GND VIA HOLE ALLOWED AREA
- NO PATTERN AND VIA HOLE AREA
- DUMMY PAD SHOULD BE ELECTRICALLY ISOLATED
(No connection to GND on something else)
No solder on this PAD



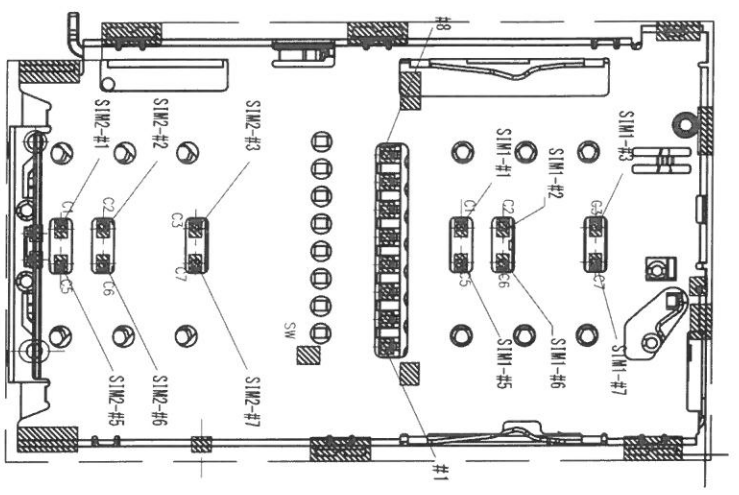
REV.	ECN.NO.	MODIFY CONTENT	DATE
A		初版发行	05/12/20

GENERAL TOLERANCE		DRAWN	CHECKED	APPROVED	FILE NO.	REV.
X.±0.30	X.±3.0°					
.X±0.25	.X±2.0°					
.XX±0.20						
.XXX±0.10						
SHEET 3/5	QTY 1	A				

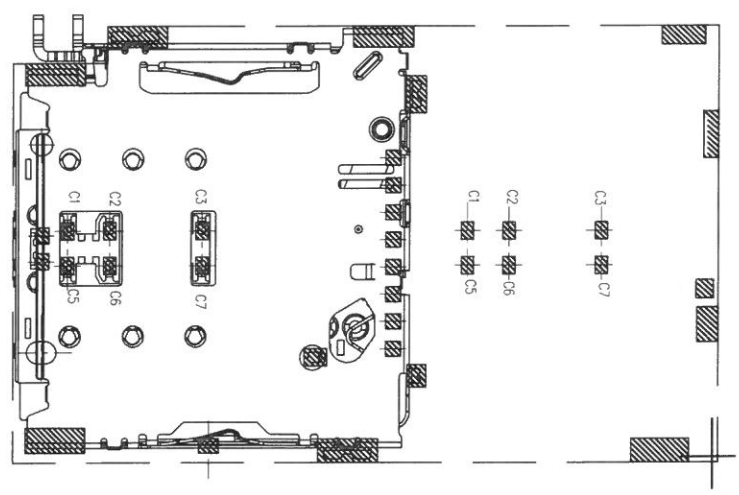
SCALE	PART NO.	TITLE	UNITS	CUSTOMER DRAWING
1/1	INSM016F06RR-1HF	NANO SIM H1.25 CARD CONN(SMT)	MM	

蘇州祥龍嘉業電子科技股份有限公司
Goldenconn Electronics Technology Co.,LTD

REV.	EQN.NO.	MODIFY CONTENT	DATE
A		初版发行	05/12'20



3IN2



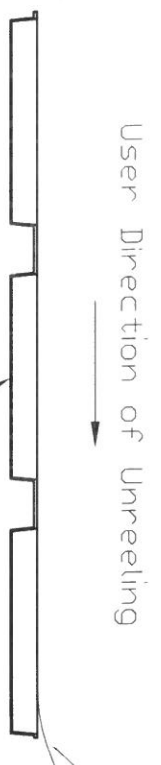
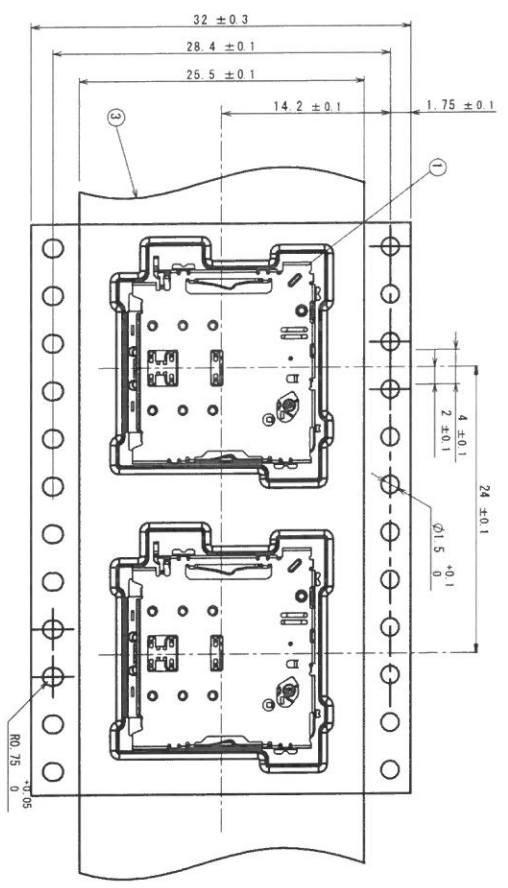
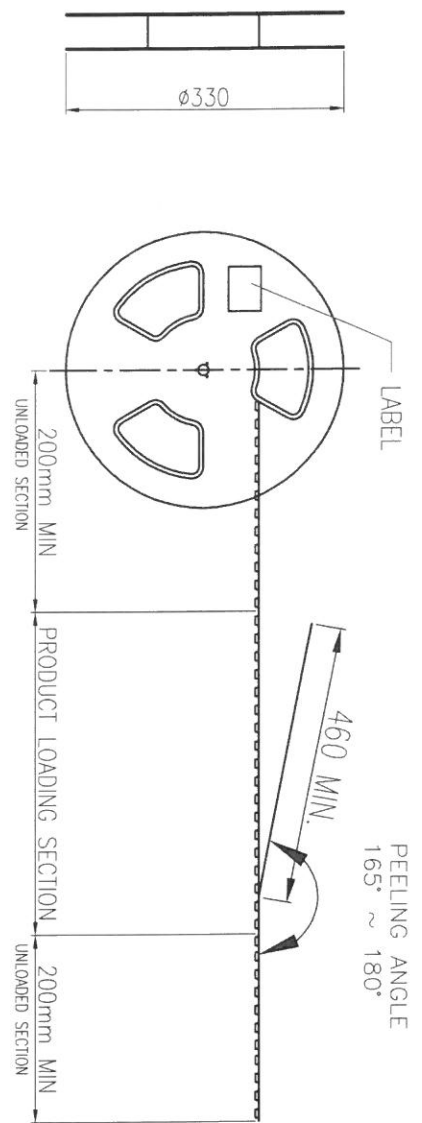
Nano H1.25

GENERAL TOLERANCE	DRAWN	SCALE	PART NO.	1NSM016F06R1R-HF
X:±0.30	CHECKED	1/1	TITLE	NANO SIM H1.25 CARD CONN(SMT)
X:±0.25	APPROVED	UNITS	mm	CUSTOMER DRAWING
X:±0.20	File NO.			
.XXX±0.10	REV.			
SHEET 4/5	QTY 1	REV. A		

此文件为双方检验的唯一标准
This document is the only standard tested by both parties.

蘇州祥龍嘉業電子科技股份有限公司
Goldconn Electronics Technology Co.,LTD

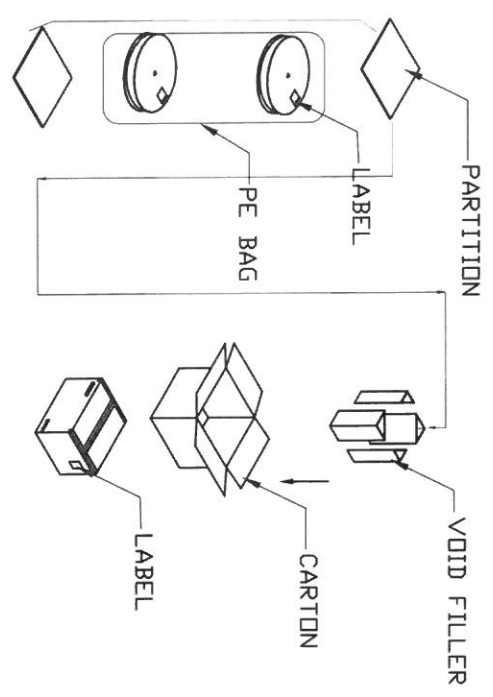
此文件为双方检验的唯一标准



此文件为双方检验的唯一标准
This document is the only standard tested by both parties.

PEELING ANGLE
165° ~ 180°

- NOTES :
1. MATERIAL :
COVER TAPE : P.S T=0.05mm
CARRIER TAPE : P.S T=0.30mm
CARTON: CORRUGATED FIBER
 2. DIMENSION :
REEL : SEE DRAWING
SHIPPING BOX: 350X350X300mm
 3. QUANTITY : SEE TABLE
 4. PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
 5. PEELING SPEED : 300mm/MINUTES



GENERAL TOLERANCE	DRAWN	CHECKED	APPROVED	FILE NO.	REV.	SCALE	PART NO.	TITLE
X.±0.40	X.±3.0°					4/1	1NSM016F06R1R-HF	NANO H1.25 CONN(SMT)
X.±0.30	X.±2.0°							
.XX±0.25								
.XXX±0.10								CUSTOMER DRAWING

PCS/REEL	REEL/BOX	TOTAL Q'TY
1000	7	7000

SHEET	5/5	QTY	1	A
REV.				

REV.	E.CN.NO.	MODIFY.CONTENT	DATE
A		初版发行	05/12/20

蘇州祥龍嘉業電子科技股份有限公司
Goldenconn Electronic Technology Co.,LTD